

	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
27363474.m	MGR	LLRGLWLPHI	LWTRI	S	T	I	P	H	V	K	S	N	R	T	H	P	K	C	G	N
27363476.m	MGR	LLRGLWLPHI	LWTRI	S	T	I	P	H	V	K	S	N	R	T	H	P	K	C	G	N
13592111.m	MGR	LLRGLWLPHI	LWTRI	S	T	I	P	H	V	K	S	N	R	T	H	P	K	C	G	N
TGFB2.R.h	MGR	LLRGLWLPHI	LWTRI	S	T	I	P	H	V	K	S	N	R	T	H	P	K	C	G	N
33504493.d	M	E	R	Y	Q	L	S	V	C	W	T	F	L	S	T	V	D	W	R	
lias_TGFB.R	M	E	R	Y	Q	L	S	V	C	W	T	F	L	S	T	V	D	W	R	
21362359.m	M	L	G	T	L	W	T	I	L	A	A	Q	S	P	-	N	R	-	-	
13591890.m	M	L	G	T	L	W	T	I	L	A	A	Q	S	P	-	N	R	-	-	
MISR2.h	M	L	G	T	L	W	T	I	L	A	A	Q	S	P	-	N	R	-	-	
31213261.i	M	L	G	T	L	W	T	I	L	A	A	Q	S	P	-	N	R	-	-	
24657172.f	M	N	W	A	I	L	L	A	L	I	S	R	A	T	F	V	P	N	-	
6680804.m	M	T	S	L	R	P	V	W	L	W	A	V	L	S	T	A	S	O	-	
34877050.m	M	T	S	L	R	P	V	W	L	W	A	V	L	S	T	A	S	O	-	
EMPR2.h	M	T	S	L	R	P	V	W	L	W	A	V	L	S	T	A	S	O	-	
31204703.i	T	S	T	G	G	L	S	R	H	Q	N	M	R	L	T	V	T	S	C	
24646871.f	T	S	T	G	G	L	S	R	H	Q	N	M	R	L	T	V	T	S	C	
27721701.m	T	S	T	G	G	L	S	R	H	Q	N	M	R	L	T	V	T	S	C	
6680634.m	T	S	T	G	G	L	S	R	H	Q	N	M	R	L	T	V	T	S	C	
27806201.m	T	S	T	G	G	L	S	R	H	Q	N	M	R	L	T	V	T	S	C	
18858251.d	T	S	T	G	G	L	S	R	H	Q	N	M	R	L	T	V	T	S	C	
31542104.m	T	S	T	G	G	L	S	R	H	Q	N	M	R	L	T	V	T	S	C	
ACTR2.h	T	S	T	G	G	L	S	R	H	Q	N	M	R	L	T	V	T	S	C	
27806337.m	T	S	T	G	G	L	S	R	H	Q	N	M	R	L	T	V	T	S	C	
34854270.m	T	S	T	G	G	L	S	R	H	Q	N	M	R	L	T	V	T	S	C	
17552830.w	T	S	T	G	G	L	S	R	H	Q	N	M	R	L	T	V	T	S	C	
	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400
27363474.m	N	D	Y	I	F	S	E	E	T	T	S	P	D	L	P	L	N	L	F	L
27363476.m	N	D	Y	I	F	S	E	E	T	T	S	P	D	L	P	L	N	L	F	L
13592111.m	N	D	Y	I	F	S	E	E	T	T	S	P	D	L	P	L	N	L	F	L
TGFB2.R.h	N	D	Y	I	F	S	E	E	T	T	S	P	D	L	P	L	N	L	F	L
33504493.d	N	D	M	L	F	K	P	T	N	N	-	-	-	-	-	-	-	-	-	-
lias_TGFB.R	N	D	M	L	F	K	P	T	N	N	-	-	-	-	-	-	-	-	-	-
21362359.m	N	A	N	S	H	L	P	P	L	P	S	Q	G	P	E	P	L	W	L	V
13591890.m	N	A	N	S	H	L	P	P	L	P	S	Q	G	P	E	P	L	W	L	V
MISR2.h	N	A	N	S	H	L	P	P	L	P	S	Q	G	P	E	P	L	W	L	V
31213261.i	N	A	N	S	H	L	P	P	L	P	S	Q	G	P	E	P	L	W	L	V
24657172.f	N	A	N	S	H	L	P	P	L	P	S	Q	G	P	E	P	L	W	L	V
6680804.m	N	A	N	S	H	L	P	P	L	P	S	Q	G	P	E	P	L	W	L	V
34877050.m	N	A	N	S	H	L	P	P	L	P	S	Q	G	P	E	P	L	W	L	V
EMPR2.h	N	A	N	S	H	L	P	P	L	P	S	Q	G	P	E	P	L	W	L	V
31204703.i	N	E	R	I	P	E	T	P	P	T	A	T	L	A	S	V	S	T	N	H
24646871.f	N	E	R	I	P	E	T	P	P	T	A	T	L	A	S	V	S	T	N	H
27721701.m	N	E	R	I	P	E	T	P	P	T	A	T	L	A	S	V	S	T	N	H
6680634.m	N	E	R	I	P	E	T	P	P	T	A	T	L	A	S	V	S	T	N	H
27806201.m	N	E	R	I	P	E	T	P	P	T	A	T	L	A	S	V	S	T	N	H
18858251.d	N	E	R	I	P	E	T	P	P	T	A	T	L	A	S	V	S	T	N	H
31542104.m	N	E	R	I	P	E	T	P	P	T	A	T	L	A	S	V	S	T	N	H
ACTR2.h	N	E	R	I	P	E	T	P	P	T	A	T	L	A	S	V	S	T	N	H
27806337.m	N	E	R	I	P	E	T	P	P	T	A	T	L	A	S	V	S	T	N	H
34854270.m	N	E	R	I	P	E	T	P	P	T	A	T	L	A	S	V	S	T	N	H
17552830.w	N	E	R	I	P	E	T	P	P	T	A	T	L	A	S	V	S	T	N	H
	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600
600	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
27363474.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
27363476.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
13592111.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
TGFB2.R.h	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
33504493.d	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
lias_TGFB.R	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
21362359.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
13591890.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
MISR2.h	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
31213261.i	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
24657172.f	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
6680804.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
34877050.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
EMPR2.h	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
31204703.i	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
24646871.f	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
27721701.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
6680634.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
27806201.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
18858251.d	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
31542104.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
ACTR2.h	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
27806337.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
34854270.m	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L
17552830.w	A	F	H	K	N	D	E	Y	L	R	V	I	S	D	L	K	P	F	M	L

	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
27363474.m	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27363476.m	HQ	IQIVCETLDECDHD	EARLITAACVPERSEI	EHH-PER						LSCRSQSCEKIPEDS	LNITK								
13592111.m	HQ	IQIVCETLDECDHD	EARLITAACVPERSEI	EHH-PER						LSCRSQSCEKIPEDS	LNITK								
TGFB2.r.h	HQ	IQIVCETLDECDHD	EARLITAACVPERSEI	EHH-PDR						LSCRSQSCEKIPEDS	LNITK								
33504493.d	HQ	IAAVCATINECDHD	EARLITAACVPERSEI	EHH-LDR						LSCRSQSCEKIPEDS	LNITK								
1lias_TGFBR	C	EAIRVMAKIMRECWYAN	EARLTAIRKILISQ																
21362359.m	SATDPFGRCRELLEDCA	DADPEARLTACVQRLAAAYPHGA	-SSFPES-PQCCP-	-ENCLASAPASAVFPCR	PQQSSLV	VQQPGPSRSPD	FVGDTVQVYVNE												
13591890.m	SATDPFGRCRELLEDCA	DADPEARLTACVQRLAAAYPOA	-SSFPESCPQCCP-	-ENCPAAAPASAFCPCR	PQQSSLV	VQQGSGSKS-													
MISR2.r.h	FATDPPGRCRELLEDCA	DADPEARLTACVQRLAAAYPOE	-HFPFESCPQCCP-	-DGCPEDCTIPAPTLPC	RGRSACHPV	VQQGCSRNPFFACTLS	PV												
31212361.i	GLVT	QIRDGCDCGHD	EARLITAACVPERLEQVQINPR	-ARTMPPKGSIDHD	PALEKAQLYQLESDGT	IATAIAMMHQRYS	SDGT	TAFMTPPPN	QVQVPA	GAGYREDT	TGGSYKKLSSGGAS	-STTHSGAPSRSQS	-	-DEDEQH	S	VGRK	-	-GLALPIIQRGEGSKFGKPGKGL	
24657172.f	GAAA	KVVRDTGCDCGHD	DAEARLITSACBERNQEQ	ESTIRPR	-AQAAQPS	SSPLINTNNLVASPTAEQ	QINIIIA	TTAAAVHQ	MSSDTTGLI	QPPPNNQIIP	-	-LAALERKEKNILSY	PQQQLOP	YQGRNF	CQERNALP	TMRTPPV	VLVER	KKHSF	QTQ
6680804.m	NSLA	RSUERDCCDGD	DAEARLITAACBERM	AEWMIWERNKSV	SPVTVN	MSTAMQNERNL	SHNRKV	KIGYPDY	SSSYI	EDS	I	HHTT	SVKNISSEHMSST	PLTIGEK	KNRS	IN	YER	QAQARIP	SPETSV
34877050.m	VRSK	KETIEDCDGHD	DAEARLITAACBERM	AEWMIWERNKSV	SPVTVN	MSTAMQNERNL	SHNRKV	KIGYPDY	SSSYI	EDS	I	HHTT	SVKNISSEHMSST	PLTIGEK	KNRS	IN	YER	QAQARIP	SPETSV
BMPR2.r.h	NSLA	RSKETIEDCDGHD	DAEARLITAACBERM	AEWMIWERNKSV	SPVTVN	MSTAMQNERNL	SHNRKV	KIGYPDY	SSSYI	EDS	I	HHTT	SVKNISSEHMSST	PLTIGEK	KNRS	IN	YER	QAQARIP	SPETSV
31204703.i	H	PGVVAICETMDCGHD	DAEARLSSCVPERISQYAR	-FP	TRQYFWATNTNE	LPKALATES													
24646871.f	HQ	PGVVAICETMDCGHD	DAEARLSSCVPERISQYAR	-HGP	PNVCDTMEECDGHD	DAEARLSSCVPERISQYAR	-												
27721701.m	HQ	PGVVAICV	TIEEC	-DHD	EARLSAACVPER	SVLRRS	VNS	-	STSDCLV	SLVTSV	NVDLLP	KESSI							
6680634.m	HQ	PGVVAICV	TIEEC	-DHD	EARLSAACVPER	SVLRRS	VNS	-	STSDCLV	SLVTSV	NVDLLP	KESSI							
27806201.m	HQ	PGVVAICV	TIEEC	-DHD	EARLSAACVPER	SVLRRS	VNG	-	STSDCLV	SLVTSV	NVDLLP	KESSI							
18858251.d	HQ	PGVVAIC	COMCETMD	-DHD	EARLSAACVPER	ISQYARR	VSS	-	STSDCLFS	SMVTSV	NVDLLP	KESSI							
31542104.m	HQ	PGVVAIC	COMCETMD	-DHD	EARLSAACVPER	ISQYARR	VSS	-	ITTED	DIVTV	TMV	INDFPP	KESSI						
ACTR2.h	HQ	PGVVAIC	COMCETMD	-DHD	EARLSAACVPER	ISQYARR	VSS	-	ITTED	DIVTV	TMV	INDFPP	KESSI						
27806337.m	HQ	PGVVAIC	COMCETMD	-DHD	EARLSAACVPER	ISQYARR	VSS	-	ITTED	DIVTV	TMV	INDFPP	KESSI						
34854270.m	HQ	PGVVAIC	COMCETMD	-DHD	EARLSAACVPER	ISQYARR	VSS	-	ITTED	DIVTV	TMV	INDFPP	KESSI						
17552830.w	HEVMSL	KKI	TEEC	-DHD	EARLSAACVPER	ITQORLTNI	-		SSECYHGS	SGS	MKNRQ	VDD	QE	SKKEPG	IEMOHY	HASSPSKRQH	SPNPFFD	SCPPPP	IVILENG